SEQUENCE LISTING

(1) GENERAL INFORMATION:

    (i) APPLICANT: Lin, Shi-Lung
                Ying, Shao-Yao
                Chuong, Cheng-Ming
                Widelitz, Randall B.

   (ii) TITLE OF INVENTION: Method for Generating A Full-Length
        Messenger RNA Library

  (iii) NUMBER OF SEQUENCES: 5

   (iv) CORRESPONDENCE ADDRESS:
        (A) ADDRESSEE: David & Raymond Patent Firm
        (B) STREET: 108 N. Ynez Ave., Suite 128
        (C) CITY: Monterey Park
        (D) STATE: CA
        (E) COUNTRY: USA
        (F) ZIP: 91754

    (v) COMPUTER READABLE FORM:
        (A) MEDIUM TYPE: Floppy disk
        (B) COMPUTER: IBM PC compatible
        (C) OPERATING SYSTEM: PC-DOS/MS-DOS
        (D) SOFTWARE: PatentIn Release #1.0, Version #1.30

   (vi) CURRENT APPLICATION DATA:
        (A) APPLICATION NUMBER: US 09/494,212
        (B) FILING DATE: 25-JAN-2000
        (C) CLASSIFICATION:

  (vii) PRIOR APPLICATION DATA:
        (A) APPLICATION NUMBER: US 60/125,695
        (B) FILING DATE: 23-MAR-1999

 (viii) ATTORNEY/AGENT INFORMATION:
        (A) NAME: Chan, Raymond Y.C.
        (B) REGISTRATION NUMBER: 37,484
        (C) REFERENCE/DOCKET NUMBER: USP9768A-EI

   (ix) TELECOMMUNICATION INFORMATION:
        (A) TELEPHONE: (626) 571-9812
        (B) TELEFAX: (626) 571-9813

(2) INFORMATION FOR SEQ ID NO:1:

    (i) SEQUENCE CHARACTERISTICS:
        (A) LENGTH: 57 base pairs
        (B) TYPE: nucleic acid
        (C) STRANDEDNESS: single
        (D) TOPOLOGY: linear

   (ii) MOLECULE TYPE: other nucleic acid

(A) DESCRIPTION: /desc = "synthetic"

    (iii) HYPOTHETICAL: NO

    (iv) ANTI-SENSE: YES

    (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

CCAGTGAATT GTAATACGAC TCACTATAGG GAATTTTTTT TTTTTTTTTT TTTTTTT

(2) INFORMATION FOR SEQ ID NO:2:

        (i) SEQUENCE CHARACTERISTICS:
            (A) LENGTH: 18 base pairs
            (B) TYPE: nucleic acid
            (C) STRANDEDNESS: single
            (D) TOPOLOGY: linear

        (ii) MOLECULE TYPE: other nucleic acid
            (A) DESCRIPTION: /desc = "synthetic"

    (iii) HYPOTHETICAL: NO

    (iv) ANTI-SENSE: NO

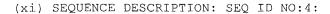   (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

CCCCCCCCCC CCCCCCCC   18

(2) INFORMATION FOR SEQ ID NO:3:

        (i) SEQUENCE CHARACTERISTICS:
            (A) LENGTH: 41 base pairs
            (B) TYPE: nucleic acid
            (C) STRANDEDNESS: single
            (D) TOPOLOGY: linear

        (ii) MOLECULE TYPE: other nucleic acid
            (A) DESCRIPTION: /desc = "synthetic"

    (iii) HYPOTHETICAL: NO

    (iv) ANTI-SENSE: NO

    (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

CCATATGGCA TTTAGGTGAC ACTATAGAAG CCCCCCCCCC C   41

(2) INFORMATION FOR SEQ ID NO:4:

    (i) SEQUENCE CHARACTERISTICS:
        (A) LENGTH: 26 base pairs
        (B) TYPE: nucleic acid
        (C) STRANDEDNESS: single
        (D) TOPOLOGY: linear

    (ii) MOLECULE TYPE: other nucleic acid
        (A) DESCRIPTION: /desc = "synthetic"

    (iii) HYPOTHETICAL: NO

    (iv) ANTI-SENSE: YES

    (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:

TTTTTTTTTT TTTTTTTTTT TTTTTT   26

(2) INFORMATION FOR SEQ ID NO:5:

    (i) SEQUENCE CHARACTERISTICS:
        (A) LENGTH: 43 base pairs
        (B) TYPE: nucleic acid
        (C) STRANDEDNESS: single
        (D) TOPOLOGY: linear

    (ii) MOLECULE TYPE: other nucleic acid
        (A) DESCRIPTION: /desc = "Synthetic"

    (iii) HYPOTHETICAL: NO

    (iv) ANTI-SENSE: NO

    (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:

CCAGTGAATT GTAATACGAC TCACTATAGG GAACCCCCCC CCC   43